

1-14. (CANCELED).

15. (CURRENTLY AMENDED) A calibration method for testing the function of an electrohydraulically controlled automatic transmission upon a test bench by simulating a vehicle operation ~~by~~, comprising the steps of:

connecting an input shaft of the transmission with a driving source having preset rotational speeds and load ratios;

connecting an output shaft of the transmission with a stationary torque-measuring hub mounted to a fixed part of the test bench and blocking the output shaft; and

testing each of a plurality of shifting elements existing in the transmission ~~by~~ wherein each shifting element is tested in a single test step, including

providing an input rotational speed to the transmission to supply pressure-setting elements in the transmission with hydraulic pressure sufficient to actuate ~~the~~ each shifting element~~s~~ out of an opened condition to the extent necessary to determine, indicate and store a desired shifting element characteristic.

16. (PREVIOUSLY ADDED) The method according to claim 15, further comprising the step of determining the desired shifting element characteristic according to one of a setting element current corresponding to a point at which the shifting element slips and a point at which the shifting element slip tends toward zero when the shifting element closes.

17. (PREVIOUSLY ADDED) The method according to claim 15, further comprising the step of determining the desired shifting element characteristic according to hysteresis of a current difference between opening and closing of the shifting element.

18. (PREVIOUSLY ADDED) The method according to claim 15, further comprising the step of determining the desired shifting element characteristic according to a slip rotational speed of the shifting element.-

19. (PREVIOUSLY ADDED) The method according to claim 15, further comprising the step of determining the desired shifting element characteristic according to a torque transmitted to the torque measuring hub.

20. (PREVIOUSLY ADDED) The method according to claim 15, further comprising the step of determining the desired shifting element characteristic according to a time needed to shift a shifting element into positive engagement.

21. (CURRENTLY AMENDED) The method according to claim 15, further comprising the step of testing each one of the plurality of shifting elements individually ~~and~~ successively and maintaining each of the shifting elements in a closed condition after testing.

22. (CURRENTLY AMENDED) A calibration method for testing the function of an electrohydraulically controlled automatic transmission comprising the steps of: upon a test bench

simulating a vehicle operation ~~[[by]]~~, comprising the steps of: connecting an input shaft of the transmission with a driving source having preset rotational speeds and load ratios;

connecting an output shaft of the transmission with a separate stationary torque-transmitting torque measuring hub mounted to a fixed part of the test bench and blocking the output shaft;

testing each of a plurality of shifting elements existing in the transmission ~~[[by]]~~ individually and successively, wherein each shifting element is tested in a single test step, including

providing an input rotational speed to the transmission to supply pressure-setting elements in the transmission with hydraulic pressure sufficient to actuate ~~[[the]]~~ each shifting element~~[[s]]~~ out of an opened condition to the extent necessary to determine, indicate and store a desired shifting element characteristic; and

~~testing each of the plurality of shifting elements successively and~~ maintaining each of the shifting elements in a closed condition after testing.

23. (PREVIOUSLY PRESENTED) The method according to claim 22, further comprising the step of determining the desired shifting element characteristic according to one of a setting element current corresponding to one of a point at which the shifting element slips and a point at which the shifting element slip tends toward zero when the shifting element closes.

24. (PREVIOUSLY PRESENTED) The method according to claim 22, further comprising the step of determining the desired shifting element characteristic according to hysteresis of a current difference between opening and closing of the shifting element.

25. (PREVIOUSLY PRESENTED) The method according to claim 22, further comprising the step of determining the desired shifting element characteristic according to a slip rotational speed of the shifting element.

26. (PREVIOUSLY PRESENTED) The method according to claim 22, further comprising the step of determining the desired shifting element characteristic according to a torque transmitted to the torque measuring hub.

27. (PREVIOUSLY PRESENTED) The method according to claim 22, further comprising the step of determining the desired shifting element characteristic according to a time needed to shift a shifting element into positive engagement.